IAP15 Rec'd PCT/PTO 3 0 JUN 2006
PTO-1390 (Rev. 12-2004)

Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER	ATTORNEY'S DOCKET NUMBER TIP 047								
	ED OFFICE (DO/EO/US) SION UNDER 35 U.S.C. 371	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)							
INTERNATIONAL APPLICATION NO. PCT/JP05/000210	INTERNATIONAL FILING DATE 12 January 2005	PRIORITY DATE CLAIMED 19 January 2004							
TITLE OF INVENTION Radiation Dete	ection Device								
APPLICANT(S) FOR DO/EO/US Hidetos	hi MURAKAMI, Kengo SHIBUYA, Ha	ruo SAITO, Keisuke ASAI, Tsuneo HONDA							
Applicant herewith submits to the United	d States Designated/Elected Office (DO/E	O/US) the following items and other information:							
1. This is a FIRST submission of item	ns concerning a submission under 35 U.S.C. 37	71							
2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.									
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.									
4. The US has been elected (Article 3	31).								
5. A copy of the International Applic	A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
a. is attached hereto (requ	a. is attached hereto (required only if not communicated by the International Bureau).								
b. 🚺 has been communicate	b. ✓ has been communicated by the International Bureau.								
c. is not required, as the a	c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
6. An English language translation of	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).								
a. is attached hereto.									
b. has been previously su	ubmitted under 35 U.S.C. 154(d)(4).								
7. Amendments to the claims of the	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
a. are attached hereto (re	a. are attached hereto (required only if not communicated by the International Bureau).								
b. have been communica	b. have been communicated by the International Bureau.								
c. have not been made;	c. have not been made; however, the time limit for making such amendments has NOT expired.								
d. have not been made a	and will not be made.								
8. An English language translation	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
9. An oath or declaration of the inve	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10. An English language translation of Article 36 (35 U.S.C. 371(c)(5)).	of the annexes of the International Preliminary	Examination Report under PCT							
Items 11 to 20 below concern docume	ent(s) or information included:								
11. An Information Disclosure Statem	nent under 37 CFR 1.97 and 1.98.								
12. An assignment document for reco	ording. A separate cover sheet in compliance v	with 37 CFR 3.28 and 3.31 is included.							
13. A preliminary amendment.									
14. An Application Data Sheet under	37 CFR 1.76.								
15. A substitute specification.									
16. A power of attorney and/or chang	ge of address letter.								
17. A computer-readable form of the	sequence listing in accordance with PCT Rule	13 <i>ter</i> .2 and 37 CFR 1.821- 1.825.							
18. A second copy of the published Ir	nternational Application under 35 U.S.C. 154(d)(4).							
	guage translation of the international applicatio	on under 35 U.S.C. 154(d)(4).							
20. Other items or information: Cre	edit Card Authorization Form								

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.			ATTORNEY'S DOCKET NUMBER			
	0/5849	85	PCT/JP05/000210		TIP 047		
	ng fees are submitted:				Applicant use	Office use only	
🚺 a) Basic na	ational fee	• • • • • • • • • • • • • • • • • • • •		\$300.00	\$ 300.00		
b) Examin	ation fee			\$200.00	\$ 200.00		
c) Search f	fee			\$500.00	\$ 500.00		
	TOTAL OF ABOVE CA	LCULATION	IS =	\$1000.00	\$ 1000.00		
listing or co	-	ed in an elec	in paper over 100 sheets (exclustronic medium). The fee is \$25	-			
Total Sheets	Extra sheets		of each additional 50 or fraction (round up to a whole number)	RATE			
- 100 =	/50 =			× \$250.00	\$		
	30.00 for furnishing the order (37 CFR 1.492(e)).	ath or declar	ation later than 30 months from	the earliest	\$		
CLAIMS	NUMBER FII	_ED	NUMBER EXTRA	RATE	\$		
Total claims	4	- 20 =	0	× \$50.00	\$ 0		
Independent clai	ims 1	- 3 =	0	× \$200.00	\$ 0		
MULTIPLE DEP	ENDENT CLAIM(S) (if ap	plicable)		+ \$360.00	\$		
			TOTAL OF ABOVE CA	LCULATIONS =	\$		
Applicant c by ½.	claims small entity status.	See 37 CFR	R 1.27. The fees indicated above	are reduced	\$		
		·····		SUBTOTAL =	\$		
	of \$130.00 for furnishing to date (37 CFR 1.492(f)).	he English tr	anslation later than 30 months t	rom the earliest +	\$		
			TOTAL NA	TIONAL FEE =	\$		
	g the enclosed assignments to the cover sheet (37 CFR 3.		.21(h)). The assignment must b	e accompanied +	\$ 40.00		
,			TOTAL FEES	S ENCLOSED =	\$ 1040.00		
			Amount	to be refunded:		\$	
			Amour	t to be charged		\$	
a. A chec	ck in the amount of \$		to cover the above	ees is enclosed			
b. Please			in the amount of \$		over the above fees.		
c. The Co	mmissioner is hereby aut	horized to ch	narge any additional fees which of this sheet is enclosed.	may be required,	or credit any overpayme	nt to Deposit	
d. Fees a	re to be charged to a cred	dit card. WAF	RNING: Information on this form rd information and authorization	•	olic. Credit card informa	tion should not	
NOTE: Where a		under 37 Cl	FR 1.495 has not been met, a		(37 CFR 1.137(a) or (b)) must be filed	
	RESPONDENCE TO:		р глани д и и и и				
Gary C. Coh							
1147 North F				SIGNATURE			
Unit 6E				Gary C. Coh	n		
	a, PA 19123			NAME			
1-425-922 - 8				30,456			
1 720-322-0	REGISTRATION NUMBER						